

Data File : VV013255.D
Acq On : 21 Oct 2019 20:34
Operator : SY/MD
Sample : K5321-07
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 22 03:56:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	493986	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	524928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	259972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185559	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	152828	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.13	63	233855	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	335306	47.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	4.40	84	409546	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	197907	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	833515	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	252340	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	695741	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	84885	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.13	63	290239	42.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	175204	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	271276	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

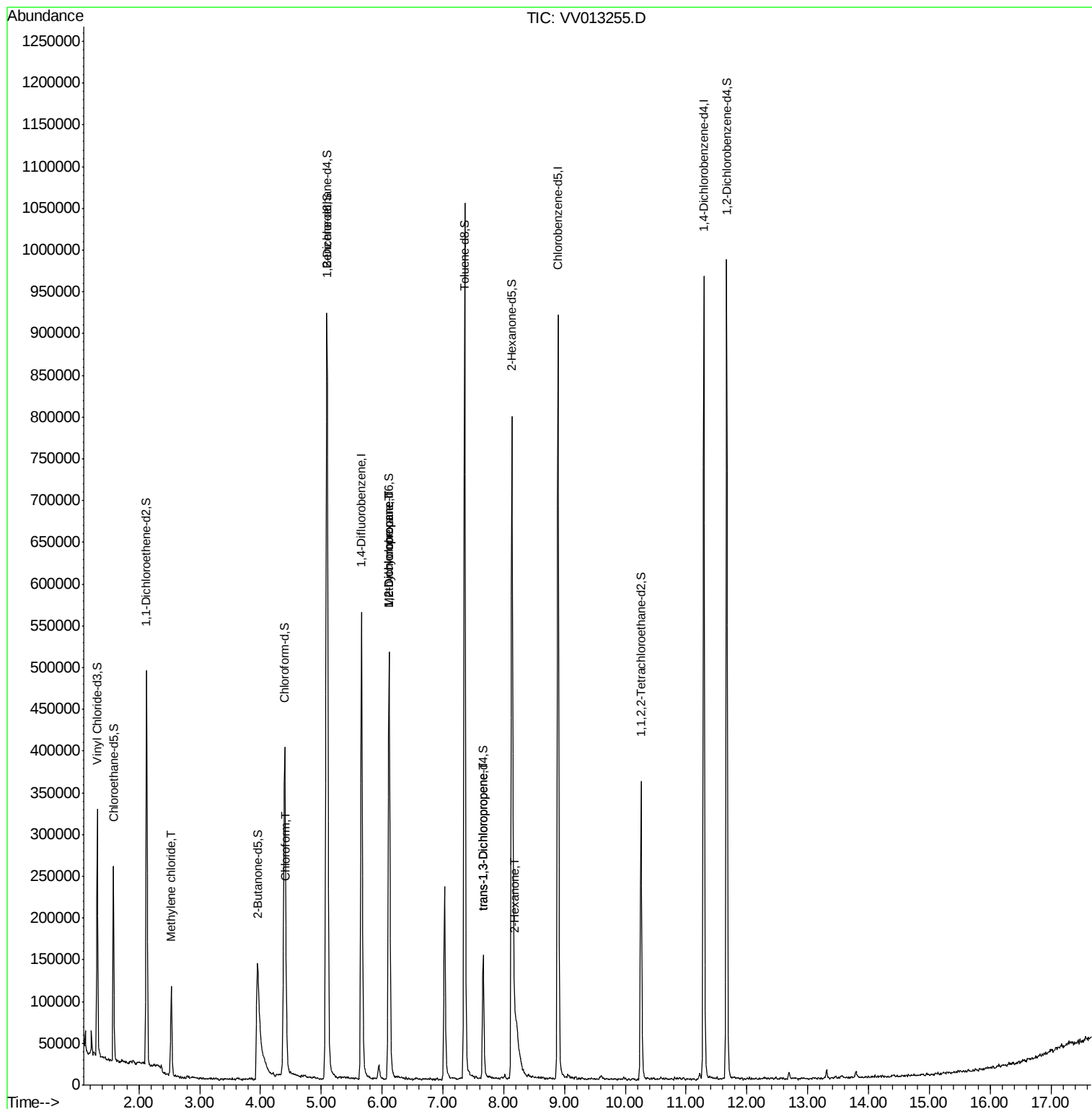
					Qvalue
16) Methylene chloride	2.53	84	45966	0.788 ug/L	96
25) Chloroform	4.43	83	12157	0.125 ug/L	94
35) Methylcyclohexane	6.12	83	61205	0.740 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	27687	0.569 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	4267	0.082 ug/L	96
48) 2-Hexanone	8.18	43	10360	0.583 ug/L #	58

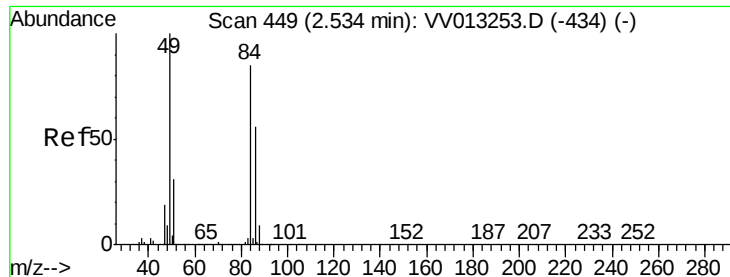
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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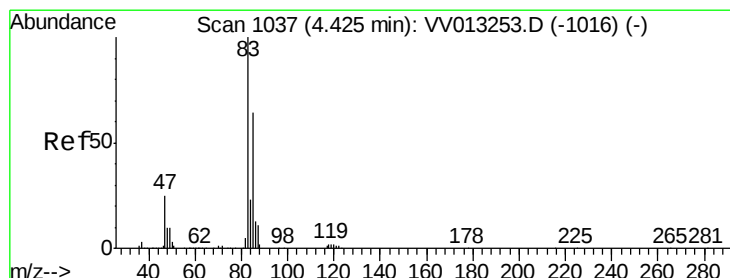
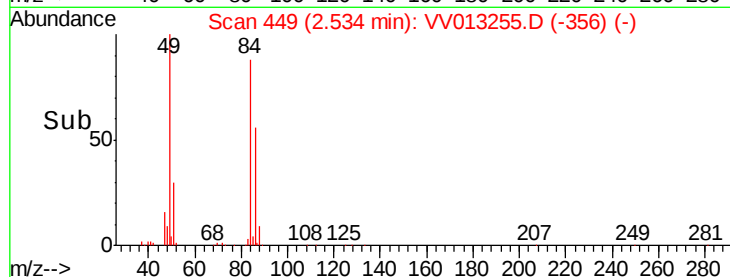
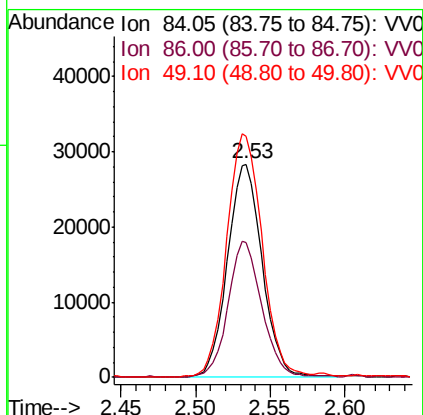
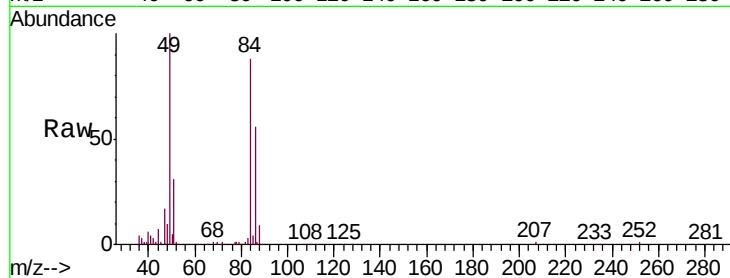




#16
Methylene chloride
Concen: 0.788 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013255.D
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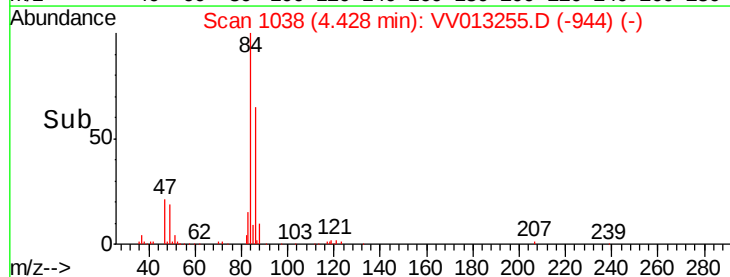
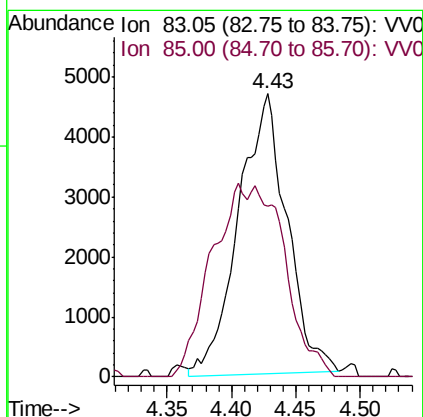
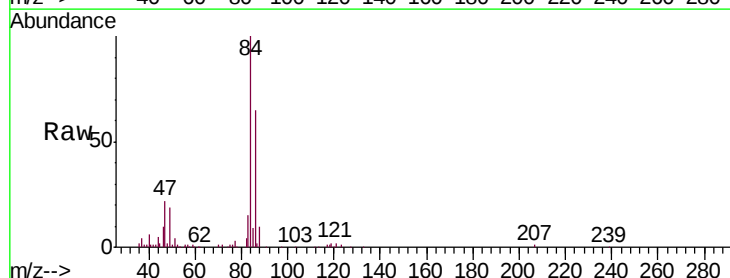
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

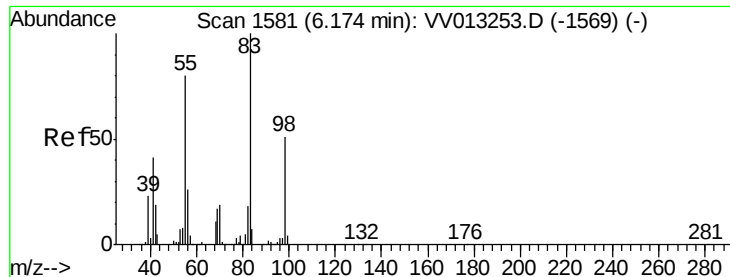
Tgt Ion: 84 Resp: 45966
Ion Ratio Lower Upper
84 100
86 63.0 46.2 85.8
49 113.4 76.4 141.8



#25
Chloroform
Concen: 0.125 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV013255.D
Acq: 21 Oct 2019 20:34

Tgt Ion: 83 Resp: 12157
Ion Ratio Lower Upper
83 100
85 60.3 45.7 84.9





#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013255.D

Acq: 21 Oct 2019 20:34

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

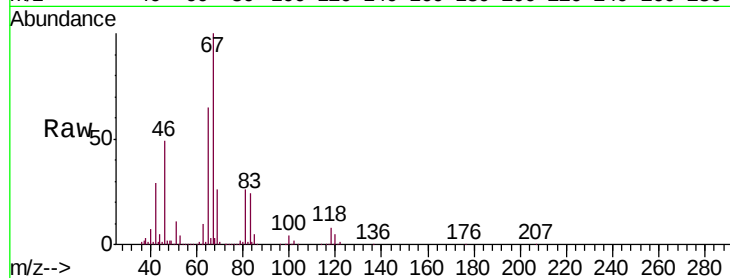
Tgt Ion: 83 Resp: 61205

Ion Ratio Lower Upper

83 100

55 0.3 62.4 93.6#

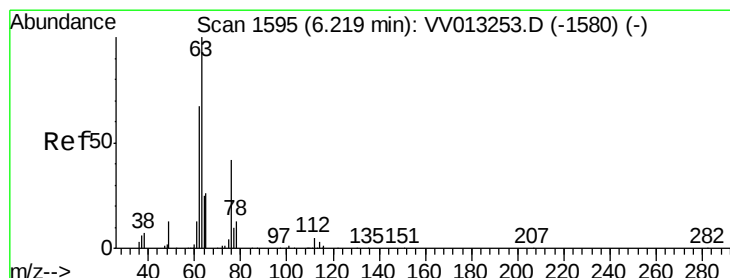
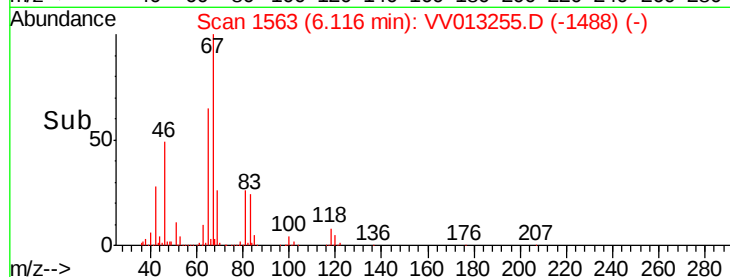
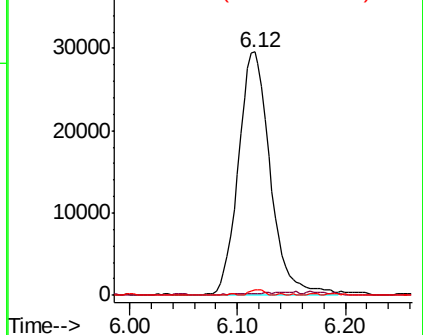
98 1.0 39.2 58.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013255.D

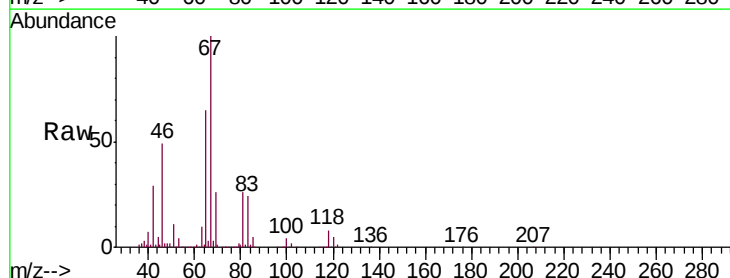
Acq: 21 Oct 2019 20:34

Tgt Ion: 63 Resp: 27687

Ion Ratio Lower Upper

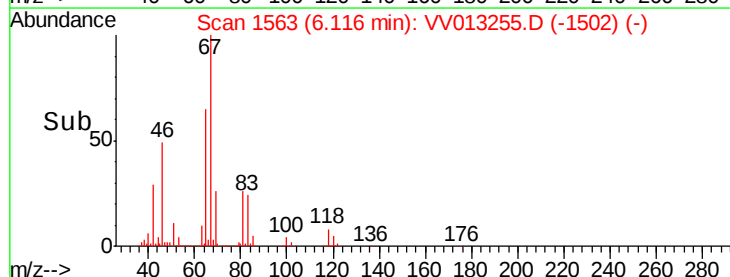
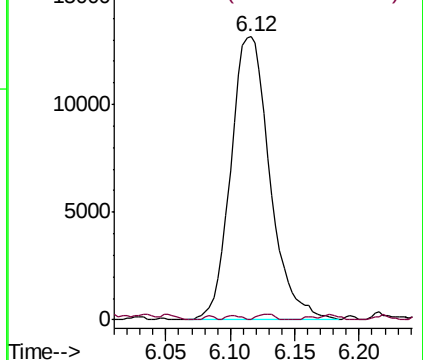
63 100

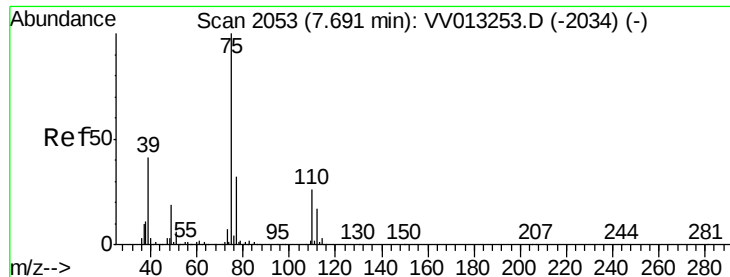
112 0.9 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013255.D

Acq: 21 Oct 2019 20:34

Instrument :

MSVOA_V

ClientSampleId :

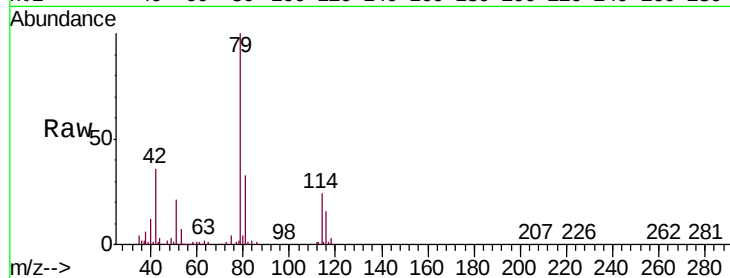
VHBLK01

Tgt Ion: 75 Resp: 4267

Ion Ratio Lower Upper

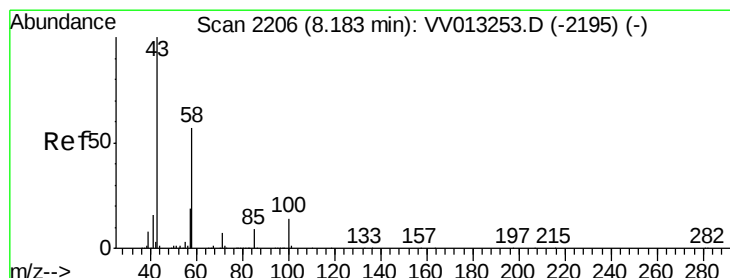
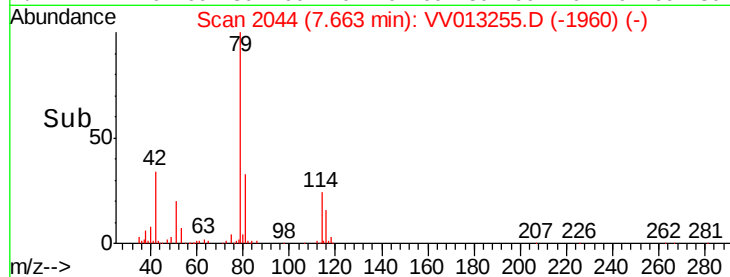
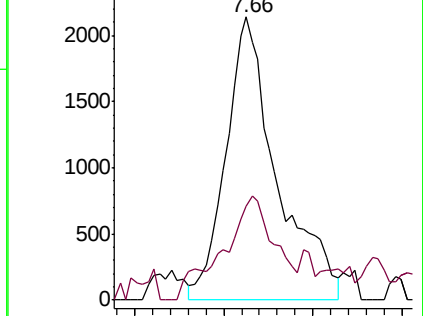
75 100

77 33.3 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.583 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013255.D

Acq: 21 Oct 2019 20:34

Tgt Ion: 43 Resp: 10360

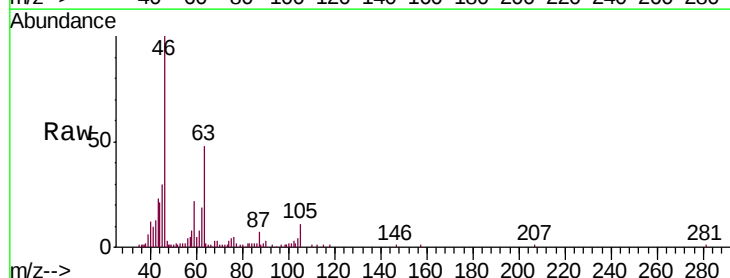
Ion Ratio Lower Upper

43 100

58 16.8 45.1 67.7#

57 11.4 15.5 23.3#

100 2.1 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

